

MVS and FACOM Sample JCL

This chapter contains sample JCL of the jobs referred to in the installation procedure.

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A. Download Datasets from the Supplied Tape

```
//JOBNAME ....valid installation job card
//*
/** This job downloads the datasets, as supplied on the
/** &cmn installation tape, to disk for use during the
/** installation procedure.
//*
//IEBCOPY EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//SYSUT3 DD UNIT=SYSDA,SPACE=(CYL,(3,1))
//SYSUT4 DD UNIT=SYSDA,SPACE=(CYL,(3,1))
//*
//SOURCEI DD DSN=COMvrs.SRCE,          note 2
//           UNIT=uuuu,                  note 1
//           LABEL=(1,SL),
//           VOL=(,RETAIN,SER=COMvrs),    note 2
//           DISP=(OLD,PASS)
//*
//SOURCEO DD DSN=COM.SOURCE,
//           UNIT=uuuu,                  note 4
//           VOL=SER=vvvvvv,              note 3
//           SPACE=(CYL,(7,1,50)),
//           DISP=(NEW,CATLG,DELETE),
//           DCB=(DSORG=PO,RECFM=FB,BLKSIZE=3120,LRECL=80)
//*
//LOADI  DD DSN=COMvrs.LOAD,          note 2
//           UNIT=uuuu,                  note 1
```

```

//          LABEL=(2,SL),
//          VOL=(,RETAIN,REF=*.SOURCEI),
//          DISP=(OLD,PASS)
//*
//LOADO   DD DSN=COM.LOAD,
//          UNIT=uuuu,                               note 4
//          VOL=SER=vvvvvv,                           note 3
//          SPACE=(CYL,(18,1,200)),
//          DISP=(NEW,CATLG,DELETE),
//          DCB=(DSORG=PO,RECFM=U,BLKSIZE=6447)
//SMDOC1  DD DSN=COMvrs.INFO,                   note 2
//          UNIT=uuuu,                               note 1
//          LABEL=(5,SL),
//          VOL=(,RETAIN,SER=COMvrs),                note 2
//          DISP=(OLD,PASS)
//SOURCEO  DD DSN=COM.INFO,
//          UNIT=uuuu,                               note 4
//          VOL=SER=vvvvvv,                           note 3
//          SPACE=(CYL,(3,1,50)),
//          DISP=(NEW,CATLG,DELETE),
//          DCB=(DSORG=PO,RECFM=FB,BLKSIZE=3120,LRECL=80)
//SYSIN   DD *
COPY INDD=SOURCEI,OUTDD=SOURCEO

COPYMOD INDD=LOADI,OUTDD=LOADO
COPY SNDD=SMDOC1,OUTDD=SMDOC0
/*

```

Notes:

1. The "uuuu" here must be set to an installation unit name relating to the tape device to be used to load the tape.
2. "vrs" in these cases relates to the Version, Release and SM Level of COM-PLETE being installed, for example, the tape volser for COM-PLETE 6.2.1 would be called COM621.
3. The volser "vvvvvv" should be changed to the volume serial number upon which you wish the dataset to be downloaded.
4. The unit "uuuu" must be changed to a unit name which is valid for the specified volume serial number.

B. JCLINST1

```

//JOBNAM1  JOB.... JOB CARD INFORMATION ..
//*
//** THIS JOB COPIES THE MEMBER TLINOS FROM THE DISTRIBUTED
//** APS LOAD LIBRARY INTO AN APF AUTHORISED LIBRARY.
//*
//** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
//*
//** 1. INSERT A VALID JOBCARD.
//** 2. CHANGE THE DATASET NAMES TO SUIT YOUR SITE'S REQUIREMENTS.
//*
//COPY      EXEC PGM=IEBCOPY
//SYSPRINT DD SYSOUT=*
//IN       DD DISP=SHR,DSN=APS.LDnn
//OUT      DD DISP=SHR,DSN=ANY.APF.AUTHORISED.LIBRARY

```

```
//SYSIN      DD      *
  COPYMOD I=((IN,R)),O=OUT
  S M=TLINOS
/*
```

C. JCLINST2

```
//JOBNAM2  JOB.... JOB CARD INFORMATION ..
//*
//** THIS JOB ALLOCATES AND INITIALISES THE NON-VSAM AND USER DATA SETS.
//*
//** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
//*
//** 1. INSERT A VALID JOBCARD.
//** 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
//** 3. CHANGE UUUU TO THE REQUIRED UNIT.
//** 4. CHANGE VVVVVV TO THE REQUIRED VOLSER(S).
//*
//ALLOCATE EXEC PGM=IEFBR14
//* ROLL DATASET
//*
//** NOTE: IF YOU DECIDE TO USE VSAM ROLL DATASET(S), COMMENT OUT ALL
//**        LINES OF THE R1 DD STATEMENT AND IN ADDITION TO THIS JOB,
//**        RUN JOB JCLINST6.
//*
//** USER SOURCE FILE
//USERSOUR DD DSN=PREFIX.USER.SOURCE,
//           DISP=(NEW,CATLG,DELETE),UNIT=UUUU,
//           DCB=(RECFM=FB,LRECL=80,BLKSIZE=3120,DSORG=PO),
//           SPACE=(CYL,(2,,28)),
//           VOL=SER=VVVVVV
//** USER LOAD LIBRARY
//USERLOAD DD DSN=PREFIX.USER.LOAD,
//           DISP=(NEW,CATLG,DELETE),UNIT=UUUU,
//           DCB=(RECFM=U,BLKSIZE=6447,DSORG=PO),
//           SPACE=(CYL,(10,,28)),
//           VOL=SER=VVVVVV
//** USER MAP LIBRARY
//MAPS      DD DSN=PREFIX.MAPS,
//           DISP=(NEW,CATLG,DELETE),UNIT=UUUU,
//           DCB=(RECFM=U,BLKSIZE=6447,DSORG=PO),
//           SPACE=(CYL,(2,,28)),
//           VOL=SER=VVVVVV
```

D. JCLINST3

```
//JOBNAM3  JOB.... JOB CARD INFORMATION ..
//*
//** THIS JOB ALLOCATES AND INITIALISES THE SYSTEM DATA CONTAINERS
//*
//** NOTE THAT YOU MAY HAVE TO RUN JOB JCLINSTD TO UPDATE THE SYSTEM
//** DATASET TO THE LATEST SM LEVEL AFTER RUNNING THIS JOB.
//*
//** PERFORM THE FOLLOWING CHANGES BEFORE RUNNING THIS JOB:
//*
//** 1. INSERT A VALID JOBCARD.
//** 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
//** 3. CHANGE VVVVVV TO THE REQUIRED VOLSER.
//** 4. FOR SYSPLEX-WIDE SHARED DATASETS, ADD LOG(NONE) TO EACH CLUSTER.
//*
```

```

//ALLBASE EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
DELETE (PREFIX.COMSYS.BASE)
DEFINE CLUSTER(NAME(PREFIX.COMSYS.BASE) -
  VOLUME(VVVVVV) -
  INDEXED -
  RECORDSIZE(4089 4089) -
  RECORDS(512 64) -
  KEYS(16 0) -
  CISZ(4096))-+
DATA(NAME(PREFIX.COMSYS.BASE.DATA) -
  SHAREOPTIONS(2,3)) -
INDEX(NAME(PREFIX.COMSYS.BASE.INDX) -
  SHAREOPTIONS(2,3))
/*
//ALLUSER EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
DELETE (PREFIX.COMSYS.USERDEF)
DEFINE CLUSTER(NAME(PREFIX.COMSYS.USERDEF) -
  VOLUME(VVVVVV) -
  INDEXED -
  RECORDSIZE(2041 2041) -
  RECORDS(4096 512) -
  KEYS(16 0) -
  CISZ(4096))-+
DATA(NAME(PREFIX.COMSYS.USERDEF.DATA) -
  SHAREOPTIONS(2,3)) -
INDEX(NAME(PREFIX.COMSYS.USERDEF.INDX) -
  SHAREOPTIONS(2,3))
/*
//ALLCATLG EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
DELETE (PREFIX.COMSYS.CATALOG)
DEFINE CLUSTER(NAME(PREFIX.COMSYS.CATALOG) -
  VOLUME(VVVVVV) -
  INDEXED -
  RECORDSIZE(313 313) -
  RECORDS(512 64) -
  KEYS(16 0) -
  CISZ(4096))-+
DATA(NAME(PREFIX.COMSYS.CATALOG.DATA) -
  SHAREOPTIONS(2,3)) -
INDEX(NAME(PREFIX.COMSYS.CATALOG.INDX) -
  SHAREOPTIONS(2,3))
/*
//INIT EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//COMSYS1 DD DSN=PREFIX.COMSYS.BASE,DISP=SHR
//COMSIN1 DD DSN=PREFIX.SYSTEM.BASE,DISP=SHR
//COMSYS3 DD DSN=PREFIX.COMSYS.USERDEF,DISP=SHR
//COMSIN3 DD DSN=PREFIX.SYSTEM.USERDEF,DISP=SHR
//COMSYS4 DD DSN=PREFIX.COMSYS.CATALOG,DISP=SHR
//COMSIN4 DD DSN=PREFIX.SYSTEM.CATALOG,DISP=SHR
//SYSIN DD *

```

```
REPRO INFILE(COMSIN1) OUTFILE(COMSYS1)
REPRO INFILE(COMSIN3) OUTFILE(COMSYS3)
REPRO INFILE(COMSIN4) OUTFILE(COMSYS4)
/*
```

E. JCLINST4

```
//JOBNAM4 JOB.... JOB CARD INFORMATION ..
/*
/** THIS JOB ALLOCATES AND INITIALISES THE CAPTURE DATA SETS.
/*
/** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB
/*
/** 1. INSERT A VALID JOBCARD.
/** 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
/** 3. CHANGE VVVVVV TO THE REQUIRED VOLSER(S).
/*
//ALLOC EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
DELETE PREFIX.VSAM.CAPTUR1
DELETE PREFIX.VSAM.CAPTUR2
DEFINE CLUSTER -
( NAME (PREFIX.VSAM.CAPTUR1) -
NONINDEXED -
SHAREOPTIONS (1) -
RECORDSIZE (0032 4096) -
SPEED REUSE ) -
DATA -
( NAME (PREFIX.VSAM.CAPTUR1.DATA) -
CISZ (8192) -
VOLUMES (VVVVVV) -
CYLINDERS (3 0))
DEFINE CLUSTER -
( NAME (PREFIX.VSAM.CAPTUR2) -
NONINDEXED -
SHAREOPTIONS (1) -
RECORDSIZE (0032 4096) -
SPEED REUSE ) -
DATA -
( NAME (PREFIX.VSAM.CAPTUR2.DATA) -
CISZ (8192) -
VOLUMES (VVVVVV) -
CYLINDERS (3 0))
/*
//INIT EXEC PGM=TUSACAPT,PARM='5000'
//STEPLIB DD DSN=PREFIX.LOAD,DISP=SHR
//CAPTUR1 DD DSN=PREFIX.VSAM.CAPTUR1,DISP=SHR
//CAPTUR2 DD DSN=PREFIX.VSAM.CAPTUR2,DISP=SHR
/*
```

F. JCLINST5

```
//JOBNAM5 JOB.... JOB CARD INFORMATION ..
/*
/** THIS JOB ALLOCATES AND INITIALISES THE SPOOL DATA SET.
/*
/** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB
/*
/** 1. INSERT A VALID JOBCARD.
```

```

///* 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
///* 3. CHANGE VVVVVV TO THE REQUIRED VOLSER.
///*
///*
//ALLOC EXEC PGM=IDCAMS
//SYSPRINT DD SYSOUT=*
//SYSIN DD *
DELETE PREFIX.SPOOL
DEFINE CLUSTER -
  ( NAME (PREFIX.SPOOL) -
    NUMBERED -
    SHAREOPTIONS (2 3) -
    RECORDSIZE (2040 2040) -
    SPEED REUSE ) -
  DATA -
  ( NAME (PREFIX.SPOOL.DATA) -
    CISZ (2048) -
    VOLUMES (VVVVVV) -
    CYLINDERS (5 0))
/*
//INIT EXEC PGM=TUMSUTIL
//STEPLIB DD DSN=PREFIX.LOAD,DISP=SHR
//COMSPL DD DSN=PREFIX.SPOOL,DISP=SHR
//SYSLST DD SYSOUT=*
//SYSIN DD *
INIT RECS=1350
/*

```

G. JCLINST7

```

//JOBNAM7 JOB.... JOB CARD INFORMATION ..
///*
///* THIS JOB ALLOCATES AND INITIALISES THE Com-plete JES3 DATA SET.
///*
///* THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
///*
///* 1. INSERT A VALID JOBCARD.
///* 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
///* 3. CHANGE UUUU TO THE REQUIRED UNIT.
///* 4. CHANGE BLKSIZE TO THE REQUIRED BLOCKSIZE.
///* 5. CHANGE CMDS TO THE REQUIRED NUMBER OF COMMANDS.
///* 6. CHANGE VVVVVV TO THE REQUIRED VOLSER.
///*
///* VALID VALUES OF BLKSIZE AND CMDS FOR YOUR DISKTYPE CAN BE OBTAINED
///* FROM THE FOLLOWING TABLE:-
///*
///*      UNIT   CMDS   BLKSIZE
///*      ----   ----   -----
///*      2314   39     7280
///*      3330   61     12960
///*      3340   34     8320
///*      3350   72     19040
///*      3375   76     32720
///*      3380   83     32720
///*      3390   78     32720
///*
//J3ALLOC EXEC PGM=IEFBR14
//J3UQ   DD DSN=PREFIX.JES3.UQJOBS,
//           DISP=(NEW,CATLG,DELETE),UNIT=UUUU,
//           DCB=(RECFM=U,BLKSIZE=BLKSIZE),
//           SPACE=(TRK,5,,CONTIG),

```

```

//          VOL=SER=VVVVVV
///*
//J3INIT1  EXEC PGM=IEBDG
//SYSPRINT DD SYSOUT=*
//OUTPUT   DD DSN=&T1,DISP=(,PASS),UNIT=UUUU,
//           SPACE=(TRK,4),VOL=SER=VVVVVV,
//           DCB=(RECFM=U,BLKSIZE=BLKSIZE)
//SYSIN DD *
DSD OUTPUT=(OUTPUT)
CREATE QUANTITY=4,FILL=X'00'
/*
//J3INIT2  EXEC PGM=IEBDG
//SYSPRINT DD SYSOUT=*
//OUTPUT   DD DSN=&T2,DISP=(,PASS),UNIT=UUUU,
//           SPACE=(TRK,1),VOL=SER=VVVVVV,
//           DCB=(RECFM=U,BLKSIZE=80)
//SYSIN DD *
DSD OUTPUT=(OUTPUT)
CREATE QUANTITY=CMDS,FILL=X'00'
/*
//J3INIT3  EXEC PGM=IEBGENER
//SYSPRINT DD SYSOUT=*
//SYSIN DD DUMMY
//SYSUT1 DD DSN=&T1,DISP=(OLD,DELETE)
//           DD DSN=&T2,DISP=(OLD,DELETE)
//SYSUT2 DD DSN=PREFIX.JES3.UQJOBS,DISP=SHR

```

H. JCLINST8

```

//JOBNAM8  JOB.... JOB CARD INFORMATION ..
///*
//** THIS JOB ASSEMBLES AND LINKS THE JES3 INTERFACE MODULES.
//**
//** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
//**
//** 1. INSERT A VALID JOBCARD.
//** 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
//** 3. WHEN ASSEMBLING ON SYSTEMS WHERE THE 'HL' ASSEMBLER IS
//**     NOT AVAILABLE, CHANGE THE PROCEDURE VARIABLE 'ASMBLR' FROM
//**     'ASMA90' TO 'IEV90'.
//**
//ASMJ3      PROC MAC1='PREFIX.SOURCE',
//           MAC2='SYS1.JES3MAC',
//           MAC3='SYS1.MACLIB',
//           MAC4='SYS1.AMODGEN',
//           N=TEMPNAME,XREF='XREF(SHORT)',
//           ASMBLR=ASMA90,LINECNT=55,
//           SLIB='PREFIX.SOURCE',
//           LLIB='PREFIX.USER.LOAD',
//           CLIB='PREFIX.LOAD',
//           UNIT='SYSDA',
//           CC=9,NCAL=NCAL,LSIZE='(120K,30K)'
//**
//ASM       EXEC PGM=&ASMBLR,REGION=1024K,
//           PARM='LOAD,NODECK,TERM,&XREF,LINECOUNT(&LINECNT)'
//SYSLIB    DD DSN=&MAC1,DISP=SHR,DCB=BLKSIZE=32000
//           DD DSN=&MAC2,DISP=SHR
//           DD DSN=&MAC3,DISP=SHR
//           DD DSN=&MAC4,DISP=SHR
//SYSUT1   DD SPACE=(CYL,(5,2)),UNIT=&UNIT,DISP=(NEW,PASS)

```

```

//SYSGO    DD      DUMMY
//SYSLIN   DD      UNIT=&UNIT,SPACE=(TRK,(30,20),RLSE),
//           DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),DISP=(NEW,PASS)
//SYSPRINT DD      SYSOUT=*
//SYSTERM  DD      SYSOUT=*
//SYSIN    DD      DSN=&SLIB.(&N),DISP=SHR
///*
//LKED     EXEC   PGM=IEWL,COND=(&CC,LT,ASM),
//           PARM='XREF,LIST,LET,&NCAL,SIZE=&LSIZE'
//SYSLIN   DD      DSN=*.ASM.SYSLIN,DISP=(OLD,DELETE)
//           DD      DDNAME=SYSIN
//SYSLIB   DD      DSN=&CLIB,DISP=SHR
//SYSLMOD  DD      DSN=&LLIB.(&N),DISP=SHR
//SYSPRINT DD      SYSOUT=*
//SYSUT1   DD      SPACE=(CYL,(5,2)),DSN=*.ASM.SYSUT1,DISP=(OLD,DELETE)
// PEND
///*
//ASML1    EXEC   ASMJ3,N=IATUQJ3,LLIB='JES3.LOADLIB'
//ASML2    EXEC   ASMJ3,N=JES3SERV
///*
//
```

I. JCLINST9

```

//JOBNAM1  JOB.... JOB CARD INFORMATION ..
///*
//** THIS JOB LINKS THE TLINF4 MODULE FROM THE DISTRIBUTED
//** LOAD LIBRARY INTO AN APF AUTHORISED LIBRARY.
///*
//** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
///*
//** 1. INSERT A VALID JOBCARD.
//** 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
//** 3. CHANGE THE OUT DSN TO THE REQUIRED LIBRARY.
///*
//LINK     EXEC PGM=IEWL,PARM='LIST,XREF,AC=1'
//SYSPRINT DD SYSOUT=*
//SYSUT1   DD UNIT=SYSDA,SPACE=(CYL,(3,1))
//LINKLIB  DD DISP=SHR,DSN=PREFIX.LOAD
//SYSLMOD  DD DISP=SHR,DSN=ANY.APF.AUTHORISED.LIBRARY
//SYSLIN   DD *
INCLUDE LINKLIB(TLINF4)
MODE AMODE(31),RMODE(24)
NAME     TLINF4(R)
/*
```

J. JCLINSTB

```

//JOBNAMB  JOB.... JOB CARD INFORMATION ..
///*
//** THIS JOB ASSEMBLES THE Com-plete JES2 SERVER MODULE.
///*
//** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
///*
//** 1. INSERT A VALID JOBCARD.
//** 2. CHECK THAT THE VARIOUS DATASET NAMES ARE CORRECT
//** 3. WHEN ASSEMBLING ON SYSTEMS WHERE THE 'HL' ASSEMBLER IS
//** NOT AVAILABLE, CHANGE THE PROCEDURE VARIABLE 'ASMBLR' FROM
//** 'ASMA90' TO 'IEV90'.
//** 4. FOR MVS SYSTEMS BEFORE OS/390, CHANGE 'SHASMAC' TO 'HASPSRC'
```

```

//** 5. ENSURE THAT THE CMOSTYPE MACRO HAS BEEN UPDATED TO REFLECT THE
//**      OPERATING SYSTEM FOR WHICH YOU ARE ASSEMBLING AS PER THE
//**      INSTALLATION documentation.
//*
//ASMJ2    PROC  MAC1='SYS1.SMPSTS',
//          MAC2='SYS1.SMPMTS',
//          MAC3='SYS1.SHASMAC',
//          MAC4='COM.SOURCE',                                <-- OS/390
//          MAC4='COM.SOURCE',
//          MAC5='SYS1.MACLIB',
//          MAC6='SYS1.AMODGEN',
//          N=TEMPNAME,XREF='XREF(SHORT)',
//          ASMBLR=ASMA90,LINECNT=55,                         <-- OS/390
//          SLIB='COM.SOURCE',
//          LLIB='COM.USER.LOAD',
//          UNIT='SYSDA',
//          CC=9,NCAL=NCAL,LSIZE='(228K,48K)'

//*
//ASM      EXEC   PGM=&ASMBLR,REGION=1024K,
//          PARM='LOAD,NODECK,TERM,&XREF,LINECOUNT(&LINECNT)'

//SYSLIB   DD     DSN=&MAC1,DISP=SHR,DCB=BLKSIZE=32000
//          DD     DSN=&MAC2,DISP=SHR
//          DD     DSN=&MAC3,DISP=SHR
//          DD     DSN=&MAC4,DISP=SHR
//          DD     DSN=&MAC5,DISP=SHR
//          DD     DSN=&MAC6,DISP=SHR
//SYSUT1   DD     SPACE=(CYL,(5,2)),UNIT=&UNIT,DISP=(NEW,PASS)
//SYSUT2   DD     SPACE=(CYL,(5,2)),UNIT=&UNIT,DISP=(NEW,PASS)
//SYSUT3   DD     SPACE=(CYL,(5,2)),UNIT=&UNIT,DISP=(NEW,PASS)
//SYSGO    DD     DUMMY
//SYSLIN   DD     UNIT=&UNIT,SPACE=(TRK,(30,20),RLSE),
//          DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),DISP=(NEW,PASS)
//SYSPRINT DD     SYSOUT=*
//SYSTEMR  DD     SYSOUT=*
//SYSIN    DD     DSN=&SLIB.(&N),DISP=SHR
//*
//LKED      EXEC   PGM=IEWL,COND=(&CC,LT,ASM),
//          PARM='AMODE=31,RMODE=ANY,XREF,LIST,LET,REUS,&NCAL,SIZE=&LSIZE'
//SYSLIN   DD     DSN=*.ASM.SYSLIN,DISP=(OLD,DELETE)
//          DD     DDNAME=SYSIN

//SYSLIB   DD     DSN=&LLIB,DISP=SHR
//SYSLMOD  DD     DSN=&LLIB.(&N),DISP=SHR
//SYSPRINT DD     SYSOUT=*
//SYSUT1   DD     SPACE=(CYL,(5,2)),DSN=*.ASM.SYSUT1,DISP=(OLD,DELETE)
//PEND
//*
//ASML1    EXEC   ASMJ2,N=JES2SERV
//*

```

K. JCLINSTC

```

//JOBNAMC  JOB.... JOB CARD INFORMATION ..
//*
//** THIS JOB ASSEMBLES THE Com-plete MVS ACTIVE DISPLAY FORMAT MODULE
//**
//** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
//**
//** 1. INSERT A VALID JOBCARD.
//** 2. CHECK THAT THE VARIOUS DATASET NAMES ARE CORRECT

```

```

//** 3. WHEN ASSEMBLING ON SYSTEMS WHERE THE 'HL' ASSEMBLER IS
//**      NOT AVAILABLE, CHANGE THE PROCEDURE VARIABLE 'ASMBLR' FROM
//**      'ASMA90' TO 'IEV90'.
//** 4. ENSURE THAT THE CMOSTYPE MACRO HAS BEEN UPDATED TO REFLECT THE
//**      OPERATING SYSTEM FOR WHICH YOU ARE ASSEMBLING AS PER THE
//**      INSTALLATION documentation.
//*
//ASMLKED  PROC  MAC1='SYS1.SMPSTS',
//              MAC2='SYS1.SMPMTS',
//              MAC3='COM.SOURCE',
//              MAC4='SYS1.MACLIB',
//              N=TEMPNAME,XREF='XREF(SHORT)',
//              ASMBLR=ASMA90,LINECNT=55,
//              SLIB='COM.SOURCE',
//              LLIB='COM.USER.LOAD',
//              UNIT='SYSDA',
//              CC=9,NCAL=NCAL,LSIZE='(228K,48K)'
//*
//ASM      EXEC  PGM=&ASMBLR,REGION=1024K,
//              PARM='LOAD,NODECK,TERM,&XREF,LINECOUNT(&LINECNT)'
//SYSLIB   DD    DSN=&MAC1,DISP=SHR,DCB=BLKSIZE=32000
//          DD    DSN=&MAC2,DISP=SHR
//          DD    DSN=&MAC3,DISP=SHR
//          DD    DSN=&MAC4,DISP=SHR
//          DD    DSN=&MAC5,DISP=SHR
//SYSUT1   DD    SPACE=(CYL,(5,2)),UNIT=&UNIT,DISP=(NEW,PASS)
//SYSUT2   DD    SPACE=(CYL,(5,2)),UNIT=&UNIT,DISP=(NEW,PASS)
//SYSUT3   DD    SPACE=(CYL,(5,2)),UNIT=&UNIT,DISP=(NEW,PASS)
//SYSGO    DD    DUMMY
//SYSLIN   DD    UNIT=&UNIT,SPACE=(TRK,(30,20),RLSE),
//              DCB=(RECFM=FB,LRECL=80,BLKSIZE=400),DISP=(NEW,PASS)
//SYSPRINT DD    SYSOUT=*
//SYSTEMR  DD    SYSOUT=*
//SYSIN    DD    DSN=&SLIB.(&N),DISP=SHR
//*
//LKED      EXEC  PGM=IEWL,COND=(&CC,LT,ASM),
//              PARM='AMODE=31,RMODE=ANY,XREF,LIST,LET,&NCAL,SIZE=&LSIZE,REUS'
//SYSLIN   DD    DSN=*.ASM.SYSLIN,DISP=(OLD,DELETE)
//          DD    DDNAME=SYSIN
//SYSLIB   DD    DSN=&LLIB,DISP=SHR
//SYSLMOD  DD    DSN=&LLIB.(&N),DISP=SHR
//SYSPRINT DD    SYSOUT=*
//SYSUT1   DD    SPACE=(CYL,(5,2)),DSN=*.ASM.SYSUT1,DISP=(OLD,DELETE)
// PEND
//*
//ASML1    EXEC  ASMLKED,N=TTJIMVS
//*

```

L. JCLINSTE

```

//JOBNAME  JOB.... JOB CARD INFORMATION ..
//*
//** THIS JOB ALLOCATES AND INITIALISES THE SD DATA SET.
//*
//** THE FOLLOWING CHANGES HAVE TO BE PERFORMED BEFORE RUNNING THIS JOB:-
//*
//** 1. INSERT A VALID JOBCARD.
//** 2. CHANGE PREFIX TO SUIT YOUR SITE'S REQUIREMENTS
//** 3. CHANGE VVVVVV TO THE REQUIRED VOLSER.
//** 4. CHECK THE IDCAMS PARAMETERS CISZ, RECORDSIZE, CYLINDERS.
//** 5. IF DESIRED, ENTER VALUES FOR RECORDS, SDFILES, DMPSpac.

```

```
/*
//ALLOC      EXEC PGM=IDCAMS
//SYSPRINT DD   SYSOUT=*
//SYSIN     DD   *
DELETE PREFIX.VSAM.SD
DEFINE CLUSTER -
  ( NAME (PREFIX.VSAM.SD) -
    NUMBERED -
    SHAREOPTIONS (2) -
    SPEED REUSE ) -
  DATA -
  ( NAME (PREFIX.VSAM.SD.DATA) -
    CISZ (4096) -
    RECORDSIZE (4080 4080) -
    VOLUMES (VVVVVV) -
    CYLINDERS (70))

/*
//INIT      EXEC PGM=TUSDUTIL,REGION=1024K,
//           PARM='INIT,RECORDS=,SDFILES=,DMPSpac='
/**
/* RECORDS=   NUMBER OF VSAM RECORDS TO BE INITIALIZED.
/*          DEFAULT: MAX THAT FITS INTO EXTENTS CURRENTLY ALLOCATED
/**
/* SDFILES=   DIRECTORY SIZE (MAX NUMBER OF SDFILES). DEFAULT: 500
/**
/* DMPSpac=   SPACE IN MBYTES THAT SHALL BE ASSIGNED FOR THREAD DUMPS.
/*          DEFAULT: 50% OF RECORDS. MAX: 32 MBYTE (IN ANY CASE).
/*          REST WILL BE USED FOR SDFILES.
/**
/* STEPLIB   DD   DSN=PREFIX.LOAD,DISP=SHR
//COMSD     DD   DSN=PREFIX.VSAM.SD,DISP=OLD
//SYSPRINT DD   SYSOUT=*
```